

AMERICAN
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Science

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CABLE ADDRESS: ADVANCESCI

Program on Science, Arms Control & National Security

October 3, 1988

Mr. Robert Gates
Deputy Director
Central Intelligence Agency
Washington, DC 20505

Re: Recent Developments in the Soviet Union and
Implications for U.S. Security Policy
October 14, 8:00-9:15 a.m.
Congressional/Senate Rooms

Dear Mr. Gates:

Arrive
7:45

Thank you for agreeing to participate in the Third Annual AAAS Arms Control Colloquium, "Science and Security: Technology and Arms Control for the 1990s." The conference will be held on Thursday, October 13, and Friday, October 14, at the Capital Hilton Hotel at 16th and K Streets, N.W., Washington, D.C. You will be addressing the topic of "Recent Developments in the Soviet Union and Implications for U.S. Security Policy," on October 14, 8:00-9:15 a.m., in the Congressional/Senate Rooms. If possible, please try to arrive at your session room at least 10 minutes before the scheduled time to meet with the presider of the session.

Your address will begin at an appropriate time after the meal has been served, and should last between 20-30 minutes, leaving time for questions and answers afterwards.

Since all colloquium sessions will be taped for the proceedings, it would assist us greatly if you could provide a copy of your address or the talking points for your presentation. It is also possible that media representatives will be interested in obtaining copies of your address, and we will need a master copy for duplication and distribution.

If you have any questions about the colloquium, your hotel reservations or meal tickets, if you have any additional a-v needs, or need any further information, please contact Ray Orkwis at (202) 326-6490. Thank you.

Sincerely,

W. Thomas Wander

W. Thomas Wander
Program Head

Science and Security: Technology and Arms Control for the 1990s

13-14 October 1988

Thursday, 13 October

8:00 a.m.
Registration

Upper Lobby

Presider: DICK CLARK, *Senior Fellow, Aspen Institute for Humanistic Studies*

9:00 a.m.

Presidential Ballroom

Speaker: The Honorable ALBERT GORE, JR., (D-Tenn.), *Senate Committee on Armed Services*

Welcome

ALVIN TRIVELPIECE, *Executive Officer, AAAS*

2:00 p.m.

Presidential Ballroom

9:10 a.m.

Presidential Ballroom

**Plenary Session — The U.S. Defense Technology
Base: Issues for the 1990s**

Moderator: ALVIN TRIVELPIECE, *AAAS*

Speakers: JOHN DEUTCH, *Provost, Massachusetts Institute of Technology*; JOHN ZYSMAN, *Co-Director, Berkeley Roundtable on the International Economy*; ALEXANDER FLAX, *Home Secretary, National Academy of Engineering*

**Plenary Session — Deep Reductions in Strategic
Offensive Nuclear Forces: Implications for Force
Structure, Stability, and National Security**

Moderator: ALTON FRYE, *Washington Director, Council on Foreign Relations*

Speakers: RONALD LEHMAN, *Assistant Secretary of Defense for International Security Policy, U.S. Department of Defense*; MICHAEL MAY, *Associate Director, Lawrence Livermore National Laboratory*; BRENT SCOWCROFT, *Vice President, Kissinger Associates*; JEREMY STONE, *President, Federation of American Scientists*

10:45 a.m.

Break

4:30 p.m.

Break

11:00 a.m.

Presidential Ballroom

**Plenary Session — Qualitative Factors in the
Nuclear and Conventional Force Balance**

Moderator: SIDNEY GRAYBEAL, *Vice President, Center for Strategic Policy, System Planning Corporation*

Speakers: JASPER WELCH, *Member, Board of Directors, Science Applications International Corporation*; Sir RONALD MASON, *Professor of Chemical Physics, University of Sussex, England*; CHARLES ZRAKET, *President, MITRE Corporation*

4:45 p.m.

Presidential Ballroom

**Open Forum — Issues in Science, Arms Control,
and National Security**

Moderator: SIDNEY GRAYBEAL, *Vice President, System Planning Corporation; Chairman, AAAS Committee on Science, Arms Control, and National Security*

**Colloquium panelists and members of the AAAS Committee
on Science, Arms Control, and National Security**

12:30 p.m.

Congressional/Senate Rooms

**Luncheon Address — “A START Agreement and
Beyond: Implications for American Nuclear Forces
and Strategy”**

6:00 p.m.

Congressional/Senate Rooms

Reception

**All attendees invited. Wine, other beverages, and hors
d'oeuvres. Hosted by AAAS.**

Friday, 14 October

7:30 a.m.

Upper Lobby

11:00 a.m.

Late Registration

Break

8:00 a.m.

Congressional/Senate Rooms

11:15 a.m.-12:45 p.m.

Breakfast Address — "Recent Developments in the Soviet Union and Implications for U.S. Security Policy"

*Small Group Discussions — Block II**Federal Room A*

Presider: SIDNEY GRAYBEAL, *System Planning Corporation*

Discussion 4 — Verifying Arms Control: Implementation of Major Agreements in the 1990s

Speaker: ROBERT GATES, *Deputy Director, Central Intelligence Agency*

Moderator: MICHAEL KREPON, *Senior Associate, Carnegie Endowment for International Peace*

9:15 a.m.

Break

Speakers: SALLY HORN, *Director, Verification Policy, Office of Nuclear Forces and Arms Control Policy, U.S. Department of Defense*; SIDNEY GRAYBEAL, *System Planning Corporation*

9:30-11:00 a.m.

*Federal Room B**Small Group Discussions — Block I*

Discussion 5 — Strategic Defenses: Technology Advances and the ABM Treaty in the 1990s

Federal Room A

Discussion 1 — European Security After INF

Moderator: THOMAS KARAS, *Senior Associate, Office of Technology Assessment*

Moderator: STANLEY SLOAN, *Specialist in U.S.-Alliance Relations, Congressional Research Service*

Speakers: ASHTON CARTER, *Harvard University*; LOUIS MARQUET, *Director of Optics and Infrared Programs, Atlantic Aerospace Electronics Corporation*

Speakers: JONATHAN DEAN, *Arms Control Adviser, Union of Concerned Scientists*; PETER LYDDON, *Assistant Director, Defence Policy, British Ministry of Defence*

*South American Rooms A&B**Federal Room B*

Discussion 2 — Changing Soviet Military Doctrine and Its Impact on Force Structure and Arms Control

Discussion 6 — Nuclear Testing: Technical Requirements for and Implications of New Limits

Moderator: CYNTHIA ROBERTS, *Instructor, Political Science Department, Hunter College*

Moderator: GREGORY VAN DER VINK, *Senior Analyst, Office of Technology Assessment*

Speakers: RAYMOND GARTHOFF, *Senior Fellow, Brookings Institution*; PETER VIGOR, *Consultant, Soviet Studies Research Centre, Royal Military Academy*

Speakers: ROBERT BARKER, *Assistant to the Secretary of Defense (Atomic Energy), U.S. Department of Defense*; THOMAS COCHRAN, *Senior Staff Scientist, Natural Resources Defense Council*

South American Rooms A & B

Discussion 3 — ASAT Weapons and Arms Control

1:00 p.m. *Congressional/Senate Rooms*

Moderator: ASHTON CARTER, *Associate Director, Center for Science and International Affairs, Harvard University*

Closing Luncheon Address — "Scientists and Security: The Role of Science in Making National Security Policy"

Speakers: HENRY COOPER, *Chief Negotiator, Nuclear and Space Arms Talks, U.S. Department of State*; JOHN PIKE, *Associate Director, Space Policy, Federation of American Scientists*

Presider: WILLIAM GOLDEN, *President, New York Academy of Sciences*

Speaker: WOLFGANG PANOFSKY, *Director Emeritus, Stanford Linear Accelerator Center, Stanford University*

2:30 p.m.

Colloquium Adjourns